

## EAST Search History

| Ref # | Hits  | Search Query   | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|------------------------------|------------------|---------|------------------|
| S1    | 1     | ("20050234398").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2007/08/27 13:13 |
| S2    | 1     | ("20050234399").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2007/08/27 13:16 |
| S3    | 1     | ("20050234393").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2007/08/27 13:24 |
| S4    | 3     | (("7037343") or ("5674276") or ("20040133147")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2007/08/27 13:25 |
| S5    | 76157 | ("604").CLAS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2007/08/27 13:27 |
| S6    | 59336 | ("606").CLAS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2007/08/27 13:27 |
| S7    | 69260 | ("600").CLAS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2007/08/27 13:27 |
| S8    | 28008 | ("607").CLAS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2007/08/27 13:27 |
| S9    | 28273 | ("623").CLAS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2007/08/27 13:28 |
| S10   | 5868  | (S5 or S6 or S7 or S8 or S9) and (telescopic or telescoping)   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2007/08/28 14:19 |
| S11   | 1289  | (S5 or S6 or S7 or S8 or S9) and ((telescopic or telescoping) same (slide or sliding or slid or nesting or nested or nests))                       | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2007/08/27 13:30 |
| S12   | 2959  | (S5 or S6 or S7 or S8 or S9) and ((telescopic or telescoping) same (tube or channel or conduit or cannula or catheter or cylinder or cylindrical)) | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/08/27 14:06 |
| S13   | 830   | S11 and S12  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/08/27 13:31 |
| S14   | 409   | S13 and (control or controller)  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/08/27 14:04 |

## EAST Search History

|     |       |  |                              |    |     |                  |
|-----|-------|--|------------------------------|----|-----|------------------|
| S15 | 820   | (604/272).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/27 13:39 |
| S16 | 31    | (S15) and (telescopic or telescoping)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/27 13:39 |
| S17 | 31    | S15 and (telescopic or telescoping)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/27 13:55 |
| S18 | 3     | (("5752969") or ("3545443")).PN.   | USPAT;<br>USOCR              | OR | OFF | 2007/08/27 13:47 |
| S19 | 0     | S18 and reservoir  | USPAT                        | OR | OFF | 2007/08/27 13:47 |
| S20 | 0     | S18 and fluid  | USPAT                        | OR | OFF | 2007/08/27 13:47 |
| S21 | 0     | S18 and inject\$4  | USPAT                        | OR | OFF | 2007/08/27 13:47 |
| S22 | 0     | S18 and administer\$4  | USPAT                        | OR | OFF | 2007/08/27 13:47 |
| S23 | 0     | S18 and administ\$4  | USPAT                        | OR | OFF | 2007/08/27 13:48 |
| S24 | 3     | ("4345596"   "5431661"   "5484442").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/27 13:48 |
| S25 | 11    | ("5752969").URPN.  | USPAT                        | OR | OFF | 2007/08/27 13:49 |
| S26 | 66    | ("3545443").URPN.  | USPAT                        | OR | OFF | 2007/08/27 13:53 |
| S27 | 1649  | (604/187,194-196,239).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/27 13:55 |
| S28 | 122   | S27 and (telescopic or telescoping or nesting or nested or nests)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/27 14:53 |
| S29 | 1     | S27 and (telescopic or telescoping or nesting or nested or nests) and (control with circuit)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/27 14:03 |
| S30 | 17    | S13 and (control with circuit)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/08/27 14:04 |
| S31 | 68734 | ((telescopic or telescoping) same (tube or channel or conduit or cannula or catheter or cylinder or cylindrical or needle))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/08/27 14:07 |
| S32 | 1064  | ((telescopic or telescoping) same (tube or channel or conduit or cannula or catheter or cylinder or cylindrical or needle)) and (fluid same (reservoir or container or barrel or syringe or compartment)) and (control with circuit) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/08/27 14:09 |

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|     |      |   |                              |    |     |                  |
|-----|------|---|------------------------------|----|-----|------------------|
| S33 | 835  | ((telescopic or telescoping) same (tube or channel or conduit or cannula or catheter or cylinder or cylindrical or needle)) and (fluid with (reservoir or container or barrel or syringe or compartment)) and (control with circuit)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/08/27 14:09 |
| S34 | 12   | S33 and S5  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/08/27 14:09 |
| S35 | 2578 | (604/93.01,264).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/27 14:52 |
| S36 | 143  | S35 and (telescopic or telescoping or nesting or nested or nests)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/27 14:53 |
| S37 | 26   | ("4378797"   "4445500"   "4445886"   "4758431"   "4777953"   "4840617"   "4892538"   "4904237"   "5002054"   "5106365"   "5106627"   "5191900"   "5200194"   "5334315"   "5397354"   "5441481"   "5487739"   "5607418"   "5706806"   "5735832"   "5741284"   "5798119"   "5810760"   "5980480"   "6026316"   "6061587").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/27 15:15 |
| S38 | 16   | ("20030024534" "20030040704" "20030069475" "20040008853" "4994071" "5234457" "5395390" "5476450" "5674276" "6221099" "6249076" "6295990" "6475639" "6547825" "6592567" "7037343").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/27 15:16 |
| S39 | 2    | S38 and (control with circuit)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 11:03 |
| S40 | 16   | ("20030024534" "20030040704" "20030069475" "20040008853" "4994071" "5234457" "5395390" "5476450" "5674276" "6221099" "6249076" "6295990" "6475639" "6547825" "6592567" "7037343").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 11:37 |
| S41 | 12   | ("20030040704" "20030069475" "20040008853" "4994071" "5234457" "5395390" "5476450" "6249076" "6295990" "6475639" "6547825" "6592567").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 11:04 |
| S42 | 0    | ("0164.01").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 11:38 |

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|     |       |   |                              |    |     |                  |
|-----|-------|---|------------------------------|----|-----|------------------|
| S43 | 603   | (604/164.01).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 11:38 |
| S44 | 409   | S43 and (slid\$4)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 12:30 |
| S45 | 199   | S43 and (slid\$4) and (control or controller or controlling or controls)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 13:20 |
| S46 | 52    | S43 and (slid\$4) and (control or controller or controlling or controls) and pump\$4  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 14:18 |
| S47 | 200   | (600/130).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 14:18 |
| S48 | 7     | S47 and (telescopic or telescoping)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 14:21 |
| S49 | 6305  | (600/101-183).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 14:20 |
| S50 | 253   | S49 and (telescopic or telescoping)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 14:21 |
| S51 | 164   | S49 and (telescopic or telescoping) and (control or controller or controlling)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 14:21 |
| S52 | 2     | (("6537241") or ("6030358")).PN.  | USPAT;<br>USOCR              | OR | OFF | 2007/08/28 14:50 |
| S53 | 2     | S52 and control   | USPAT                        | OR | OFF | 2007/08/28 14:54 |
| S54 | 73487 | (catheter or cannula or needle or tube or conduit or (elongat\$3 with member)) and (reservoir or chamber or container or barrel) and (control with circuit) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 14:58 |
| S55 | 76171 | ("604").CLAS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 14:58 |
| S56 | 59359 | ("606").CLAS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 14:58 |
| S57 | 69292 | ("600").CLAS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 14:58 |
| S58 | 28021 | ("607").CLAS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 14:58 |

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|     |       |  |                              |    |     |                  |
|-----|-------|--|------------------------------|----|-----|------------------|
| S59 | 28285 | ("623").CLAS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 14:58 |
| S60 | 4595  | (S55 or S56 or S57 or S58 or S59) and (catheter or cannula or needle or tube or conduit or (elongat\$3 with member)) and (reservoir or chamber or container or barrel) and (control with circuit)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 15:07 |
| S61 | 9     | (S55 or S56 or S57 or S58 or S59) and (catheter or cannula or needle or tube or conduit or (elongat\$3 with member)) and (reservoir or chamber or container or barrel) and (control with circuit) and slid\$4 and pump\$4 and (shape with memory) and sensor and wireless and tool             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 15:01 |
| S62 | 2248  | (S55 or S56 or S57 or S58 or S59) and ((catheter or cannula or needle or tube or conduit or (elongat\$3 with member)) same (extend\$4 or telescopic)) and (reservoir or chamber or container or barrel) and (control with circuit)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 15:09 |
| S63 | 1478  | (S55 or S56 or S57 or S58 or S59) and ((catheter or cannula or needle or tube or conduit or (elongat\$3 with member)) same (extend\$4 or telescopic)) and (reservoir or chamber or container or barrel) and (control with circuit) and sensor  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 15:09 |
| S64 | 1054  | (S55 or S56 or S57 or S58 or S59) and ((catheter or cannula or needle or tube or conduit or (elongat\$3 with member)) same (extend\$4 or telescopic)) and (reservoir or chamber or container or barrel) and (control with circuit) and sensor and pump\$4                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 15:12 |
| S65 | 367   | (S55 or S56 or S57 or S58 or S59) and ((catheter or cannula or needle or tube or conduit or (elongat\$3 with member)) same (extend\$4 or telescopic)) and (reservoir or chamber or container or barrel) and ((control with circuit) same (processor or microprocessor)) and sensor and pump\$4 | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/28 15:14 |

## EAST Search History

|     |      |  |                              |    |     |                  |
|-----|------|--|------------------------------|----|-----|------------------|
| S66 | 170  | (S55) and ((catheter or cannula or needle or tube or conduit or (elongat\$3 with member)) same (extend\$4 or telescopic)) and (reservoir or chamber or container or barrel) and ((control with circuit) same (processor or microprocessor)) and sensor and pump\$4 | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/29 10:19 |
| S67 | 906  | (606/107).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/29 10:21 |
| S68 | 157  | S67 and (irrigat\$4 and aspirat\$4)  | USPAT                        | OR | OFF | 2007/08/29 11:20 |
| S69 | 0    | (automat\$4 with retractable with radio with antenna) and car  | USPAT                        | OR | OFF | 2007/08/29 11:22 |
| S70 | 178  | (retract\$4 with antenna) and car  | USPAT                        | OR | OFF | 2007/08/29 11:26 |
| S71 | 42   | ((retract\$4 with antenna) same telescop\$4) and car   | USPAT                        | OR | OFF | 2007/08/29 11:39 |
| S72 | 1    | (("6249076") or ("20040008853") or ("20030069475")).PN.  | USPAT;<br>USOCR              | OR | OFF | 2007/08/29 11:43 |
| S73 | 3    | (("6249076") or ("20040008853") or ("20030069475")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/29 11:44 |
| S74 | 1    | ("6628040").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/29 11:45 |
| S75 | 86   | catheter and (piezoelectric with pump\$4)  | USPAT                        | OR | OFF | 2007/08/29 11:52 |
| S76 | 43   | "4944659"  | USPAT                        | OR | OFF | 2007/08/29 11:52 |
| S77 | 1    | ("4944659").PN.  | USPAT;<br>USOCR              | OR | OFF | 2007/08/29 12:00 |
| S78 | 1    | S77 and sensor   | USPAT                        | OR | OFF | 2007/08/29 11:53 |
| S79 | 0    | S77 and (wireless or rf)   | USPAT                        | OR | OFF | 2007/08/29 11:53 |
| S80 | 7    | catheter and abrad\$4 and cauter\$4 and stent  | USPAT                        | OR | OFF | 2007/08/29 12:03 |
| S81 | 34   | catheter and abrad\$4 and cauter\$4  | USPAT                        | OR | OFF | 2007/08/29 12:19 |
| S82 | 1    | ("6296638").PN.  | USPAT;<br>USOCR              | OR | OFF | 2007/08/29 12:24 |
| S83 | 5557 | catheter and balloon and stent   | USPAT                        | OR | OFF | 2007/08/29 12:29 |
| S84 | 5557 | S83 and pd<="20020101"   | USPAT                        | OR | OFF | 2007/08/29 12:26 |
| S85 | 2490 | S83 and @pd<="20020101"  | USPAT                        | OR | OFF | 2007/08/29 12:27 |
| S86 | 1065 | S83 and @pd<="20020101" and @pd>="20000101"  | USPAT                        | OR | OFF | 2007/08/29 12:27 |
| S87 | 62   | catheter and balloon and stent and (control with circuitry)  | USPAT                        | OR | OFF | 2007/08/29 13:30 |

## EAST Search History

|     |     |   |       |    |     |                  |
|-----|-----|---|-------|----|-----|------------------|
| S88 | 151 | catheter and balloon and stent and<br>(control with circuit\$3) | USPAT | OR | OFF | 2007/08/29 13:30 |
|-----|-----|---|-------|----|-----|------------------|